

Title (en)  
DIESEL FUEL FILTER/WATER SEPARATOR.

Publication  
**EP 0257265 A3 19880622 (EN)**

Application  
**EP 87110071 A 19870713**

Priority  
US 89256786 A 19860804

Abstract (en)  
[origin: EP0257265A2] A separating device (10) for separating a pair of immiscible components from a fluid mixture, such as separating water from a diesel fuel oil/water mixture, includes a housing (14) and a filter cartridge (12) mounted on the housing (14) such that the filter cartridge (12) is oriented substantially horizontally. The housing (14) includes an inlet fitting (58), an outlet fitting (68), and a sump (82) for receiving the fluid component separated from the mixture. Because of the orientation of the housing, the coalesced water or heavier component of the fluid mixture tends to collect in the lower portion of the filter cartridge (12) and drains into the sump (82), where it may be drained (86) periodically. The lighter component or fuel oil is communicated to the outlet port or fitting (68).

IPC 1-7  
**B01D 17/02**; **F02M 37/22**; **B01D 27/00**; **C10G 33/06**

IPC 8 full level  
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CPC (source: EP US)  
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Citation (search report)  
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**EP 0257265 A2 19880302**; **EP 0257265 A3 19880622**; CA 1319620 C 19930629; US 4732671 A 19880322

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